

Title (en)

Battery housing, electricity delivering system and method of delivering electricity

Title (de)

Batteriegehäuse, Elektrizitätslieferungssystem und Verfahren zur Elektrizitätslieferung

Title (fr)

Boîtier de batterie, système de fourniture d'électricité et méthode de fourniture d'électricité

Publication

**EP 1109236 A1 20010620 (EN)**

Application

**EP 00127341 A 20001213**

Priority

US 17029799 P 19991213

Abstract (en)

The present invention includes a housing having a casing (13) and a cap (39). A connecting conductor is joined to the cap, and a plunger conductor (42) assembly is electrically connected to the connecting conductor. A battery may be placed in the casing and electrically connected to an electrically conductive concentric ring (36). When the cap is attached to the casing, the plunger conductor is electrically connected with the concentric ring so as to provide electricity from the battery to the connecting conductor. A method of delivering electricity using such a housing is also described. <IMAGE>

IPC 1-7

**H01M 2/10**; **H01M 2/30**

IPC 8 full level

**H02J 7/00** (2006.01); **H01M 10/44** (2006.01); **H01M 10/48** (2006.01); **H01M 50/179** (2021.01); **H01M 50/213** (2021.01); **H01M 50/271** (2021.01); **H01M 50/50** (2021.01); **H01M 50/528** (2021.01)

CPC (source: EP US)

**H01M 50/179** (2021.01 - EP US); **H01M 50/213** (2021.01 - EP US); **H01M 50/271** (2021.01 - EP US); **H01M 50/50** (2021.01 - EP US); **H01M 50/528** (2021.01 - EP US); **Y02E 60/10** (2013.01 - EP)

Citation (search report)

- [A] US 4778408 A 19881018 - MORRISON CHARLES A [ZA]
- [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 290 (E - 1557) 2 June 1994 (1994-06-02)
- [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 070 (E - 056) 12 May 1981 (1981-05-12)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1109236 A1 20010620**; **EP 1109236 B1 20070228**; AT E355620 T1 20060315; DE 60033618 D1 20070412; DE 60033618 T2 20070621; JP 2001283806 A 20011012; US 2002071988 A1 20020613; US 6656631 B2 20031202

DOCDB simple family (application)

**EP 00127341 A 20001213**; AT 00127341 T 20001213; DE 60033618 T 20001213; JP 2000404232 A 20001213; US 73578100 A 20001213